

Appl. No. 10/525,147
Amdt. dated Sept. 14, 2006
Reply to Office action of May 19, 2006

Amendments to the Drawings:

The attached sheets of drawings include figure legends, as required by the Examiner. These sheets, which include Fig. 1-4, replace the original sheets.

Attachment: Replacement Sheets

Annotated Sheets Showing Changes

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REMARKS

In view of both the amendments presented above and the following discussion, the Applicants submit that all of their pending claims now satisfy the requirements of 35 USC § 112. Thus, the Applicants believe that all of these claims are now in allowable form.

If, however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, the Examiner should telephone Mr. Peter L. Michaelson, Esq. at (732) 542-7800 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Specification amendments

Various amendments have been made to the specification to correct minor inadvertent grammatical and formal errors.

Status of claims

Claims 1 and 17 have been slightly amended to correct inadvertent antecedent and formal errors.

Claims 20-22 have been replaced by new claims 23-25.

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Drawings

The Examiner has objected to the drawings, as originally filed, owing to their omission of appropriate legends.

In response and as required by the Examiner, the Applicants now enclose both annotated (revised) drawing sheets which show all their proposed corrections, i.e., the addition of suitable legends to all the blocks in FIGs. 1-4, and also suitably corrected formal drawing sheets.

Rejections under 35 USC § 112

The Examiner has rejected claims 20-22 under the second paragraph of 35 USC § 112 as being indefinite.

Specifically, the Examiner states that claims 20 and 21 are improper as neither claim further limits claim 1, and claim 22 is improper as that claim does not further limit claim 21. The Examiner also states that claim 20 is does not restrict "the technical features of the array signal processing system since such a system is indistinguishable from a system using the same calibration parameters, but derived by a different method".

In response to this rejection, the Applicants have canceled all these claims and replaced them with new claims 23-25, each of which is an independent claim and complies with the dictates of US claim practice.

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Further, independent claim 23 (which corresponds to claim 20) is directed to apparatus for an array signal processing system that has a calibration system with recitations detailing specific structure elements of the calibration system, while independent claim 1 is directed to a method for calibrating sensor elements in a sensor array with recitations to specific method steps. Hence, this claim now remedies all the defects which the Examiner raised with respect to now canceled claim 20.

Accordingly, the Applicants submit that each of claims 23-25 is sufficiently definite under the provisions of 35 USC § 112 and hence is patentable there under.

Allowed claims

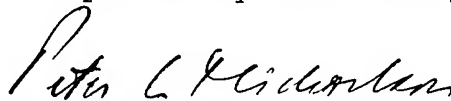
The Applicants appreciate the Examiner's allowance of claims 1-19.

Conclusion

Consequently, the Applicants believe that all their pending claims are presently in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

Respectfully submitted,

September 14, 2006



Peter L. Michaelson, Attorney
Reg. No. 30,090
Customer No. 007265
(732) 542-7800

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MICHAELSON & ASSOCIATES
Counselors at Law
P.O. Box 8489
Red Bank, New Jersey 07701-8489

CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **September 14, 2006** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to the Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature

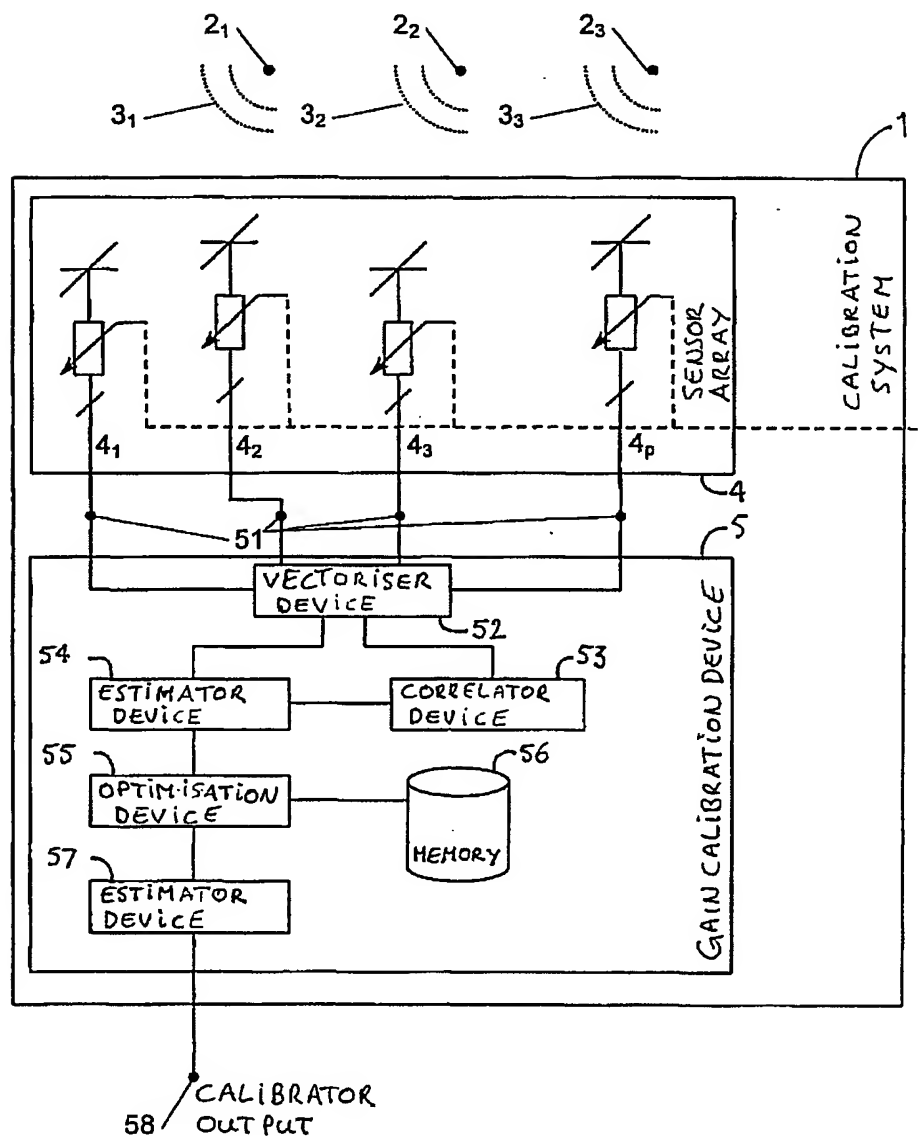


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Fig. 1



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Fig. 2

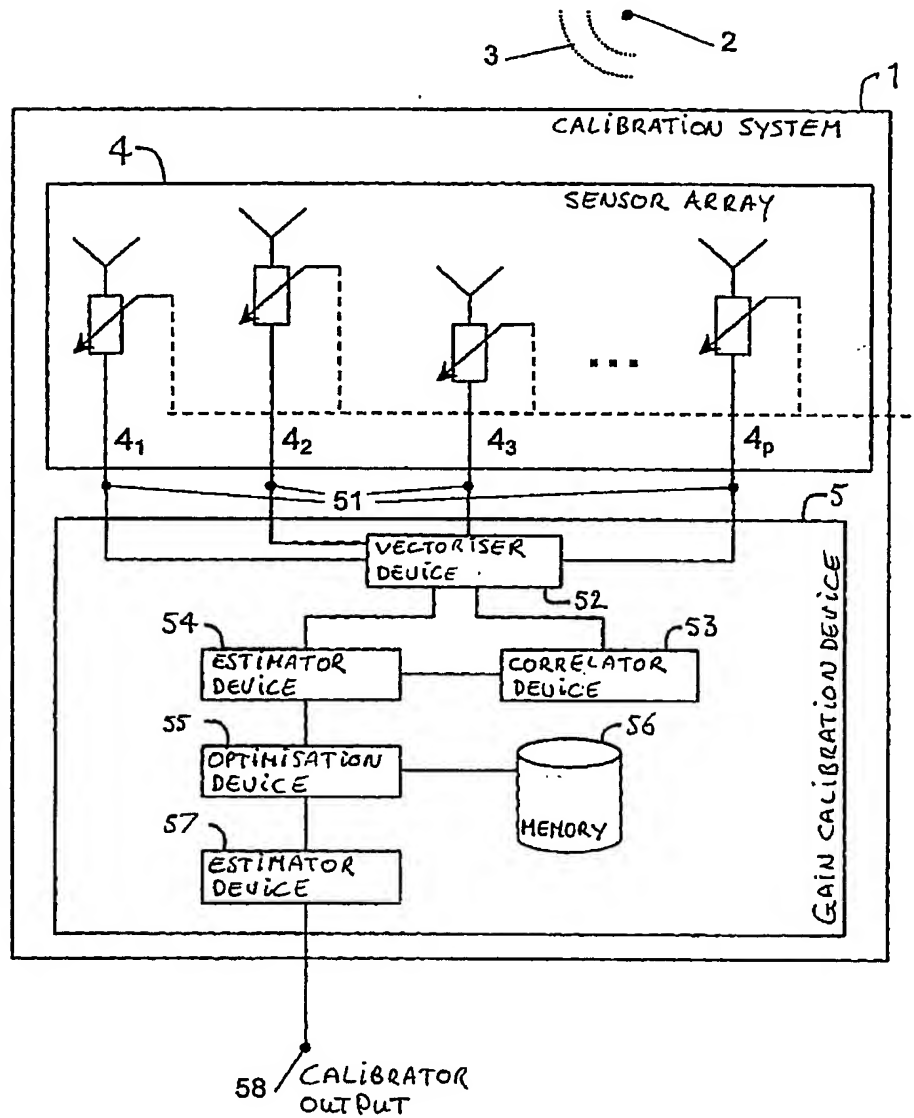


Fig. 3

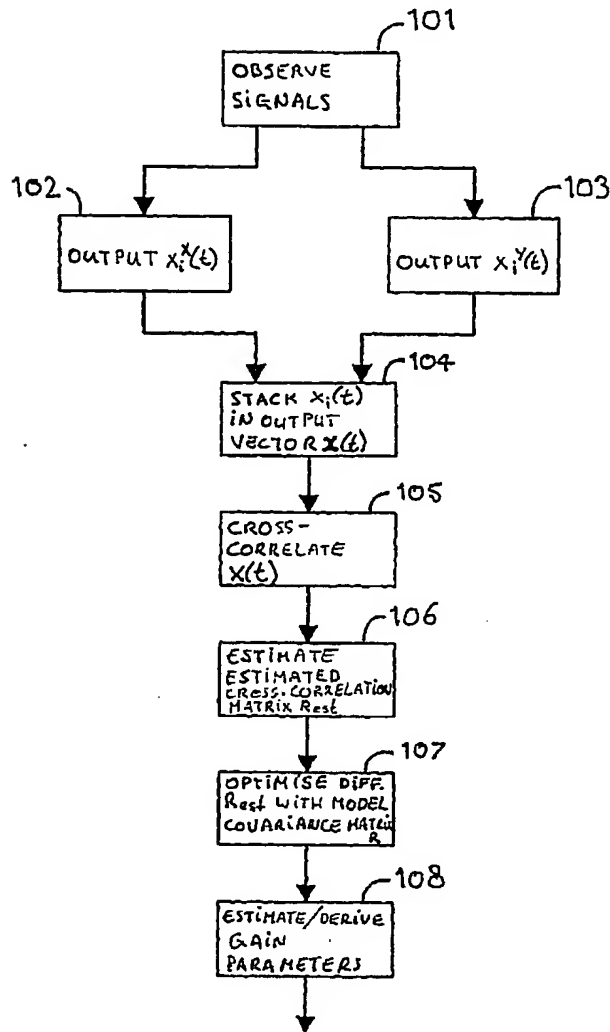


Fig. 4

